

### **Abstract**

In an embodiment, a system includes a resource. The system also includes a first processor having a load/store functional unit. The load/store functional unit is to attempt to access the resource based on access requests. The first processor includes a congestion  
5 detection logic to detect congestion of access of the resource based on a consecutive number of negative acknowledgements received in response to the access requests prior to receipt of a positive acknowledgment in response to one of the access requests within a first time period.